

Pre & post tasks

I main.yml kan man använda pre och post tasks som sker innan jobben som är i roles. Det kan vara bra att slänga på tagen always på dessa så att de körs oavsett vilken tag man använder för resten av jobbet.

Exempel:

```
! Bra pre och post tasks för Cisco IOS-XE
```

```
pre_tasks:
```

```
- name: Gather facts
```

```
  cisco.ios.ios_facts:
```

```
    gather_subset: all
```

```
  register: cisco_ios_facts
```

```
  tags: always
```

```
- name: Configure archive function
```

```
  cisco.ios.ios_config:
```

```
    lines:
```

```
      - logging enable
```

```
      - logging size 200
```

```
      - notify syslog contenttype plaintext
```

```
    parents: [archive, log config]
```

```
  tags: always
```

```
- name: Set path for archive
```

```
  cisco.ios.ios_config:
```

```
    lines:
```

```
      - "path flash:"
```

```
    parents: [archive]
```

```
  tags: always
```

```
- name: Revert configuration in 30 minutes if script failure
```

```
  cisco.ios.ios_command:
```

```
  commands: configure terminal revert timer 30
```

```
tags: always
```

```
post_tasks:
```

```
- name: Configure confirm!
```

```
  cisco.ios.ios_command:
```

```
    commands: configure confirm
```

```
tags: always
```

```
- name: Save running-configuration to startup-configuration when modified
```

```
  cisco.ios.ios_config:
```

```
    save_when: modified
```

```
tags: always
```

```
- name: Pause and continue
```

```
  pause:
```

```
    prompt: "Complete, press enter to continue with , Ctrl+C to exit"
```

```
tags: always
```

Här har vi ett annat bra exempel på hur man kan skriva sin main.yml med felhantering, som backar Cisco-konfen vid fel:

```
---
```

```
- name: Configure labb-switch
```

```
  hosts: labb
```

```
gather_facts: false
```

```
pre_tasks:
```

```
- name: Gather facts
```

```
  cisco.ios.ios_facts:
```

```
    gather_subset: all
```

```
  register: cisco_ios_facts
```

```
tags: always
```

```
- name: Configure archive function
```

```
  cisco.ios.ios_config:
```

```
    lines:
```

```
      - logging enable
```

```
      - logging size 200
```

```
      - notify syslog contenttype plaintext
```

```
parents: [archive, log config]
```

tags: always

- name: Set path for archive

cisco.ios.ios_config:

lines:

- "path flash:"

parents: [archive]

tags: always

- name: Revert configuration in 30 minutes if script failure

cisco.ios.ios_command:

commands: configure terminal revert timer 30

tags: always

tasks:

- block:

- import_role:

name: common

- import_role:

name: vlans

- import_role:

name: security

- import_role:

name: qos

- import_role:

name: templates

- import_role:

name: interfaces

- import_role:

name: routing

- import_role:

name: aaa

- import_role:

name: management

- import_role:

name: telemetry

rescue:

- name: Backa konfiguration vid problem

cisco.ios.ios_command:

```
  commands: configure revert now
```

```
  ignore_errors: yes
```

```
  tags: always
```

```
post_tasks:
```

```
- name: Configure confirm!
```

```
  cisco.ios.ios_command:
```

```
    commands: configure confirm
```

```
  tags: always
```

```
- name: Save running-configuration to startup-configuration when modified
```

```
  cisco.ios.ios_config:
```

```
    save_when: modified
```

```
  tags: always
```

```
- name: Pause and continue
```

```
  pause:
```

```
    prompt: "LABB complete, press enter to continue with next hosts, Ctrl+C to exit"
```

```
  tags: always
```

Det är då rescue som ser till att configure revert now slås vid fel i Ansible-jobbet. Rescue måste finnas i ett block, därför finns alla tasks i ett block.

Revision #5

Created 21 May 2025 08:24:19 by Jehrlander

Updated 29 October 2025 08:13:55 by Jehrlander